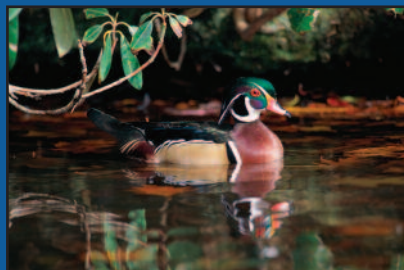


Harris Nuclear Plant Safety Information 2006

Keep this brochure in:

1. your car,
2. your home, or
3. a convenient location

so that you will have
the information in case
of an emergency.



Environmental Partners

Para recibir una copia de esta información en español,
por favor llene sus datos y devuelva la tarjeta adjunta.



Progress Energy

People. Performance. Excellence.

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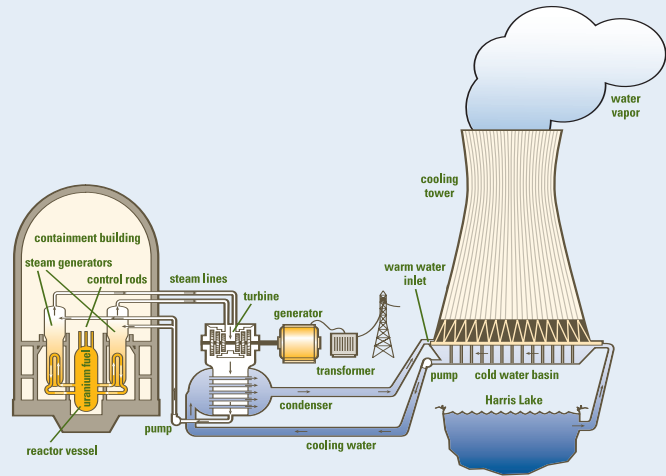
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Generation

- Nuclear plants are similar to other types of power plants. High-pressure steam turns propeller-like blades of a turbine causing the shaft of a huge generator to spin. Inside the generator, coils of wire and magnetic fields interact to create electricity.
- Nothing is burned in a nuclear reactor. Uranium fuel generates heat through fission. Atomic particles called neutrons strike a uranium atom causing the atom to split (fission). When the atom splits, tremendous heat is generated and more neutrons are released, triggering more fission and producing a chain reaction.
- The fuel is a solid pellet the diameter of a piece of chalk and about one-half inch long. These pellets are stacked inside long vertical tubes inside the reactor.
- The nuclear reaction can be controlled by inserting special rods among the fuel tubes. These control rods absorb free neutrons preventing them from hitting the uranium atoms and causing fission. These rods can be dropped into the fuel either manually or automatically if needed.

Safety & Security

- Nuclear plants are built with multiple layers of safety systems and structures designed to protect both the plant and the community. Our safety systems have separate, multiple backup systems to provide additional protection and reliability.
- Containment buildings are reinforced concrete and steel structures that can withstand tremendous forces such as hurricanes, tornados and even earthquakes.

- Nuclear plants are among the most secure industrial facilities in the world. Each facility has a specially trained and equipped security force that monitors and controls access to the plant 24 hours a day.
- Progress Energy operates the Harris Plant with uncompromising safety guidelines monitored by our own stringent internal programs, as well as industry and Nuclear Regulatory Commission guidelines.

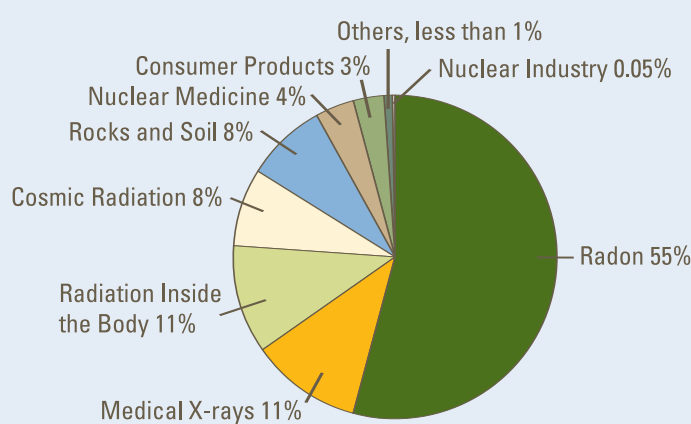
Radiation

We are constantly exposed to radiation from our natural environment. This is called background radiation. Sources of background radiation include the sun, the air we breathe, soil, plants, building materials and even the human body. We are also exposed to man-made sources of radiation like medical and dental X-rays, smoke detectors and television sets.

You could be exposed to radioactive materials in three ways:

- Radioactive material in the air and on the ground. You can prevent exposure by going to a place with no radioactive material.
- Radioactive material on hair, skin and clothing. Exposure will stop if you wash off the radioactive material.
- Breathing or swallowing radioactive material. Exposure will stop when the material stops giving off radiation or when your body eliminates it.

Sources of Radiation Exposure



Measured in millirem (mR) per year

There are Three Types of Radiation:

Alpha

The least penetrating, it can be stopped by a piece of paper.

Beta

It can be stopped by a thin piece of aluminum.

Gamma

It can be stopped by lead, water or concrete.

Sources and Amounts of Radiation:

Natural Background Radiation

| | |
|------------------------------------|--------|
| Radon | 200 mR |
| Cosmic radiation | 27 mR |
| Internal radiation from human body | 40 mR |
| Rocks and soil | 28 mR |

Man-made Radiation

| | |
|--|---------------|
| Medical X-rays | 39 mR |
| Nuclear medicine | 14 mR |
| Consumer products (TVs, smoke detectors, etc.) | 10 mR |
| Other (including nuclear power) | 2 mR |
| Total | 360 mR |

Classification of Emergencies

There are four different classifications of emergencies that could occur at a nuclear power plant. The classifications help state and county officials and plant personnel determine how they will respond to each kind of problem.

Unusual Event

This is the least serious of the four emergency classifications. It means there is an event at the plant, but it would not affect the public.

Alert

This is an event that could reduce the level of safety at the plant. There is still no danger to the public. State and county officials and Progress Energy might decide to activate their emergency centers, just in case the situation gets worse.

Site Area Emergency

This event could lower the safety of the plant, but probably not enough to pose a danger to the public. The sirens could be sounded to alert the public to listen to local radio and television stations for information and instructions.

General Emergency

This is the most serious event that could occur at the plant. State and county officials would take action to protect the public. Sirens will be sounded and local radio and television stations will give instructions to the public living in affected areas. They would be told to evacuate from the area or to shelter in place.

Your Safety is Important to Us

This brochure gives basic information on radiation and information on what to do if there is an emergency at the Harris Plant in New Hill. State and county officials and Progress Energy want you to be prepared so that you and your family would know what to do in an emergency.

The Harris Plant has multiple backup safety systems, so a serious emergency is unlikely to occur. Plant operations are conducted under strict safety rules and are monitored by the Nuclear Regulatory Commission (NRC), a federal agency that regulates the nuclear industry in the United States. As part of regulatory requirements, emergency exercises are conducted every other year with plant personnel and state and county officials participating. This brochure is part of the comprehensive emergency plans developed by the state of North Carolina, Chatham, Harnett, Lee and Wake counties and Progress Energy.

Be sure you understand the information in this brochure so you and your family will be prepared in the unlikely event of an emergency. Discuss this material with family members and friends.

If you know someone who cannot read or is visually impaired, please read this information to them and make sure they understand it.

The Emergency Alert System

In the unlikely event of an emergency at the plant, 81 pole-mounted sirens located in the 10-mile emergency planning zone (EPZ) around the plant would be activated to alert the public. Hearing the sirens does not mean you should evacuate.

Sirens are the primary warning system used to alert the public in the event of an emergency. Officials might also travel along selected county and state roads in the 10-mile EPZ in vehicles equipped with flashing lights and loudspeakers. They might also go door-to-door in selected areas. Residents living within the five-mile radius of the plant have been given tone alert radios that will alarm and give a brief instruction if there is an emergency at the plant. To alert people on Jordan and Harris lakes, officials in boats will use sirens, colored smoke and flares.

The sirens are activated by county officials and are tested often to make sure they work properly. The sounding of the sirens is probably just a test, but there could be an emergency at the plant.

If you hear the sirens and are not sure if it is a test of the system or an emergency, tune to one of the radio stations listed on page 4. During an emergency, these stations should stop regular programming to give information and instructions to the

public. The sirens will sound several times for three-minute intervals if there is an emergency that could affect the public. Keep the radio tuned for more information. You might be advised to evacuate the area or to shelter in place.

Some residents in the 10-mile EPZ have been identified as needing special assistance in the event of an emergency. These people should fill out the **Request For Special Assistance** card, which is attached inside this brochure.

Tone Alert Radios

Residences within the five-mile radius of the Harris Plant have been given tone alert radios. You should always keep the radio plugged in and in a place where you can hear the alarm, particularly at night while sleeping.

In severe weather, a signal sent by the National Weather Service activates an alarm on the radios. The National Weather Service also sends a signal to the radios if there is an emergency at the Harris Plant.

When the alarm sounds, you should press the WEATHER bar or button on top of the radio to receive brief instructions. If there is an emergency, you should also tune to a radio or TV station for more details.

The pamphlet that you received with your radio explains how it works. Keep this information in a handy place for quick access. If you have any questions about your radio, call the Progress Energy Customer Service Center at 919.508.5400 or 1.800.452.2777, Monday - Friday, 7 a.m. to 9 p.m.

Taking Shelter in Place

If there is an emergency at the plant, radio or television stations might instruct you to shelter in place as a precaution. By remaining indoors, you reduce exposure to the radioactive materials.

You should follow these steps when told to shelter in place:

1. **DO NOT go to your child's school.** Children will be sheltered and protected by school officials.
2. Shelter livestock and give them STORED feed and water, not fresh. Keep pets indoors.
3. **Go indoors and close all windows and doors.** Turn off fans, heating and air conditioning that require outside air. Close any other air intakes.
4. Do not use the telephone unless absolutely necessary.
5. Cover all open food containers. The food, water and milk supplies in your home are safe to eat and drink.

Siren Tests

There are three ways the sirens are tested:

Silent test

A silent signal is sent to each siren every two weeks. The sirens do not sound during this test.

Low-volume "growl" test

A very low sound like a growl will occur for a few seconds. Low-volume tests are conducted every three months. Only people very close to a siren will hear this test. Progress Energy will provide information about the test through the local news media.

Full-volume test

All the sirens will sound at the same time for three-minute intervals. A full-volume test is conducted once a year. Progress Energy will provide information about the test through the local news media. Also, look for the announcement in Harris View, a newsletter mailed to residents living within the 10-mile EPZ.

Radio Tests

The National Weather Service performs a test of the tone alert radios on a weekly basis. Every Wednesday between 11 a.m. and noon, the alarm on the tone alert radio should sound. To know if the alarm is a test or an emergency, press the WEATHER bar or button after the alarm sounds to receive information and instructions. The message that follows the alarm will tell you if it is an emergency or a test. If it is an emergency, the message will tell you what to do.

Radio Stations

These radio stations will participate in Emergency Alert System (EAS) announcements in the event of an emergency.

If you hear several three-minute-long siren blasts, tune to one of the following stations for information:

- 94.7 WQDR-FM
- 105.1 WDCG-FM

Other radio and television stations may also broadcast information and instructions in an emergency.

- 6. Go to a room or basement with few or no windows.
- 7. Stay tuned to a local radio or television station for more emergency information.
- 8. Stay indoors until a local radio or television station reports it is safe to go outside.
- 9. If you must go outside, place a cloth over your nose and mouth.

Potassium Iodide

In cases where you may be exposed to certain types of radioactivity, the North Carolina Department of Health and Human Services may direct you to take Potassium Iodide (KI) tablets.

KI is an over-the-counter drug (simple salt) that may reduce the amount of radioactive iodine absorbed by your body's thyroid gland. KI fills your thyroid with iodine so that it cannot absorb any radioactive iodine.

You should only take KI when directed to do so by public health officials. You would be notified whether or not it is advisable to take KI through an Emergency Alert System (EAS) message. Emergency sirens would sound, and normal radio/television broadcasts would be interrupted to instruct the public of what protective actions they should be taking. These instructions could include: evacuate the area, stay inside, and/or take KI.

Should an accidental release of radiation occur, KI will be available at relocation facilities. If you live within 10 miles of the plant and prefer to have KI on hand, you can contact the following agencies:

- Chatham County Health Department 919.542.8214
- Harnett County Health Department 910.893.7550
- Lee County Health Department 919.718.4640 ext.5388
- Wake County Health Department 919.212.7000

For more information on KI, you can visit the North Carolina Department of Health and Human Services' Web page on KI, at www.dhhs.state.nc.us/dph/ki.htm. You may also contact the Division of Public Health's public information officer at 919.715.4174. Your local health department is also available to answer questions concerning KI.

Evacuation Procedures

If there is an emergency at the plant, people in some sub-zones might be asked to evacuate as a precautionary measure. Stay calm. You will only be asked to evacuate if it is necessary. Evacuation routes, reception centers and care centers for each sub-zone are listed on pages 13-16.

What You Should Do

1. Pack necessary items such as the following to take with you:
 - this brochure
 - two sets of clothing, two blankets or a sleeping bag for each person planning to stay at the care center
 - toilet articles, bath towels
 - necessary medication, baby needs
 - identification, car registration
 - credit cards, checkbook, cash
 - portable radio, flashlight, batteries
2. You may not take your pets with you to a reception/care center. Plan now for your pet's care in an emergency. It is recommended that you make prior arrangements with friends, relatives, or pet boarding facilities. If you decide to leave your pets at home, provide them with shelter and a three-day supply of food and water. If you need additional information, contact your county emergency management agency.
3. Do not use the telephone unless absolutely necessary.
4. Plan ahead! It is a good idea to drive your evacuation route now so that you are familiar with it. Call your local county emergency management office if you have questions. The telephone numbers for state and county emergency management agencies are listed on page 7.

As You Evacuate

1. If your child attends a school in the 10-mile EPZ, do not go to the school. Children in these schools will be taken by bus to relocation schools (listed on pages 10-11).
2. School children who live in the 10-mile EPZ and attend a school outside the EPZ will be kept at their schools by school officials until they are picked up by their parents.
3. Close car windows and vents. Do not turn on the car air conditioner or heater.
4. As you drive, stay tuned to a local radio station for more information.
5. Follow the evacuation route to the designated reception/care center for the area where you live or the relocation school for your child's school. You may stay at the reception/care center or another location at least 10 miles away from the plant. It's very important that you sign in at the reception/care center even if you do not plan to stay there.

Special Assistance

Special plans have been made for people identified as needing special assistance. The Request For Special Assistance card inserted in this brochure helps county officials know if you need assistance. Even if you have previously submitted a request card, the information must be updated every year, so please fill out this card and mail it as soon as possible. This information will be handled by county emergency management officials in a confidential manner.

You should fill out the special assistance card if:

- You are disabled or hearing impaired. Your county officials will keep this information on file and will be able to assist you if needed.
- You do not have a car, or cannot ride with someone else. County officials will assist in making arrangements for your transportation out of the EPZ. Special transportation plans and contact phone numbers will be broadcast on local radio and television stations.

Fill out this card, or have someone else complete it for you and mail it in. In the event of an emergency, an automated telephone system will notify individuals requesting special assistance. Testing of this system will be conducted two times during the year. Test date information cards will be mailed in advance to those participating in the special needs notification program.

If you are responsible for someone in a nursing home, rest home or hospital, do not pick them up unless the special care facility has instructed you to do so prior to an emergency. Officials will care for these people and take those needing medical care to hospitals and special care facilities outside the 10-mile area surrounding the plant.

If you have neighbors with special needs you may want to help them to evacuate the area or to shelter in place in their home.

Emergency Numbers

If you need help during an evacuation, call the number for the county you live in:

| | |
|----------------|--------------|
| Chatham County | 919.542.2911 |
| Harnett County | 919.832.9911 |
| Lee County | 919.775.8268 |
| Wake County | 919.856.7044 |

Agricultural Information

If you are warned that a radiological emergency exists, make arrangements for the safety of your family and farm.

For the farm:

- Shelter all farm animals, particularly dairy cattle and dairy goats.
- Livestock should only be fed stored feed and protected water.
- Bring feed into buildings or cover outdoor feed supplies.
- Store as much water as possible for livestock. Cover wells, rain barrels and tanks.

For the family:

- Place food and water inside a closed area in your house where it cannot be contaminated. Uncovered food brought in from a contaminated area should be cleaned.
- Eggs, potatoes and melons that are cleaned may be eaten.
- Green leafy vegetables should be carefully washed. Remove the outer layers if they were exposed to contamination.
- Peas and beans require normal cleaning.
- Wash hands thoroughly before eating.

For farm work:

- Wear protective clothing (similar to that used for pesticide application) when working outdoors for the first few days following the emergency. Remove outer clothing before entering your home or any other clean area. Shower thoroughly as soon as you finish work.
- Wear a dust filter over your nose and mouth when cultivating dry earth or if harvesting corn or feed grains.

For More Information

If you have questions about any of the safety information you have read in this brochure, you can call or write one of the following offices:

Chatham County Emergency Operations 919.542.2911
P.O. Box 613, 297 West Street
Pittsboro, NC 27312

Harnett County Emergency Management 910.893.7580
200 North 13th St.
Erwin, NC 28339
After Hours:

Harnett Co. Sheriff's Department 919.832.9911

Lee County Office of Emergency Services 919.775.8279
P.O. Box 1154, Sanford, NC 27331
After Hours:

Lee Co. Sheriff Department 919.718.4561

Sanford Police Department 919.775.8268

Wake County Emergency Management 919.856.6480
Wake County Office Bldg., 14th floor
P.O. Box 550
Raleigh, NC 27602-0550

NC Emergency Management 1.800.858.0368
State Emergency Operations Center
116 West Jones St.
Raleigh, NC 27603-1335

NC Emergency Management 919.575.4122
Central Branch
401 Central Ave.
Butner, NC 27509

For more information about the Harris Plant and nuclear power, contact Progress Energy at 919.362.3261 or visit progress-energy.com.



Harris Nuclear Plant security officers receive extensive training.

Map of the 10-Mile Area Around the Harris Plant

Your Quick Reference Safety Information for the Harris Plant

Please take a minute and complete the information below so you will have it in an emergency.

My local radio station is:

My local television station with information is:

My zone on the map is:

The evacuation shelter for the zone where I live is:

The evacuation route for the zone where I live is:

The relocation school(s) for my child (children) is(are):

Plan ahead! Drive your route now. If you have any questions, call your emergency management office.

The map is divided into sub-zones. Each sub-zone is marked with a different letter. If the radio or television station tells you to evacuate, the information on the following pages tells you where to go to be safe. Look at the evacuation route for your sub-zone. Mark the route on the map now so you will have it if you need it. (See Evacuation Route to Reception/ Care Centers section on pages 12-16.)

Sub-Zone Boundaries

County Boundaries

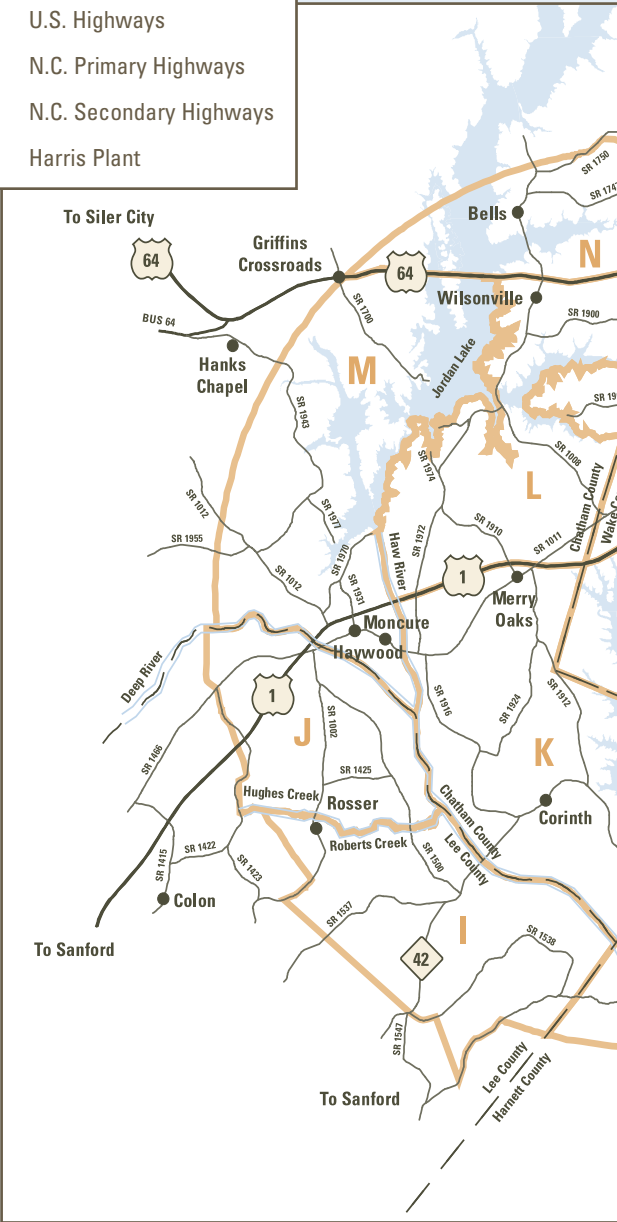
U.S. Highways

N.C. Primary Highways

SR

N.C. Secondary Highways

Harris Plant





Primary Reception Centers

Zone

- E** Sanderson Senior High School (Raleigh)
- F** Southeast Raleigh High School (Raleigh)
- G** Garner Senior High School (Garner)
- H** Harnett Central High School (Angier)
- M** Northwood Senior High School (Pittsboro)

Check your school's listing on pages 10-11 for the relocation school.

Reception Center

A predesignated facility outside the Plume Exposure EPZ (minimum is 15 miles from utility) at which the evacuated public can register, receive radiation monitoring and decontamination, receive assistance in contacting others, receive directions to Congregate Care Centers, reunite with others, and receive general information. It generally refers to a facility where monitoring, decontamination and registration of evacuees are conducted.

Relocation Schools for Licensed Child Care Centers and Schools

If there is an evacuation of children attending school in the 10-mile EPZ, **DO NOT GO TO THE SCHOOL**. Children in these schools will be taken by bus to one of the relocation schools listed in the chart on this page.

School children who live in the 10-mile EPZ and attend a school outside the EPZ will be kept at their schools by school officials until they are picked up by their parents.

This chart shows the schools and their locations, the sub-zones where they are located, and the relocation schools where school children would be taken in the event of an emergency. When you have determined the designated relocation school for your child's school, you may do one of the following:

1. You may pick up your child at the relocation school and go and stay at the reception/care center for your sub-zone.
2. You may pick up your child at the relocation school and go and stay somewhere other than the reception/care center, as long as you are 10 miles from the plant.

Your child will be cared for at the relocation school by school and county officials until you arrive.

| Facility | Sub-zone | Relocation School |
|----------|----------|-------------------|
|----------|----------|-------------------|

High Schools

| | | |
|---|---|---|
| Apex Senior High School (Apex) | E | Sanderson High School (Raleigh) |
| Community Partner's Charter High School | F | Southeast Raleigh High School (Raleigh) |
| Fuquay-Varina Senior High School | G | Garner Senior High School (Garner) |

Middle Schools

| | | |
|------------------------------------|---|--|
| Apex Middle School | E | Leesville High School (Raleigh) |
| Fuquay-Varina Middle School | G | Millbrook High School (Raleigh) |
| Holly Ridge Middle School | F | Knightdale High School (Knightdale) |
| Lufkin Road Middle School | E | Leesville High School (Raleigh) |
| St. Mary Magdalene Catholic School | E | Cardinal Gibbons High School (Raleigh) |
| Salem Middle School | E | Leesville High School (Raleigh) |

Elementary Schools

| | | |
|-----------------------------------|---|--|
| Apex Elementary School | E | Sanderson Senior High School (Raleigh) |
| Baucom Elementary School | E | Leesville High School (Raleigh) |
| Holly Ridge Elementary School | F | Knightdale High School (Knightdale) |
| Holly Springs Elementary School | F | Knightdale High School (Knightdale) |
| Hope Montessori School | E | Sanderson High School (Raleigh) |
| Lincoln Heights Elementary School | G | Millbrook High School (Raleigh) |
| Moncure Elementary School | M | Northwood Senior High School (Pittsboro) |
| The New School, Inc. Montessori | G | Southeast Raleigh High School (Raleigh) |
| Olive Chapel Elementary School | E | Leesville High School (Raleigh) |
| Salem Elementary School | E | Leesville High School (Raleigh) |

Child Care Centers

Child care facilities will move children to the relocation school for the zone where the child care facility is located.

Zone

| | |
|---|--|
| E | Sanderson Senior High School (Raleigh) |
| F | Southeast Raleigh High School (Raleigh) |
| G | Garner High School (Garner) |
| H | Harnett Central High School (Angier) |
| M | Northwood Senior High School (Pittsboro) |

Relocation School Location Information:

Cardinal Gibbons High School (Raleigh)

Adjacent to Carter Finley Stadium on Edwards Mill Rd.

Southeast Raleigh High School (Raleigh)

Rock Quarry Rd. and Creech Rd., south of I-40

Garner Senior High School (Garner)

From Hwy. 70 east, take Yeargan Rd. right on Coldwater Rd. to Spring Dr.

Harnett Central High School (Angier)

NC Hwy. 210 at the intersection of 1513 (Neil's Creek Rd.) and 1403 (Harnett Central Rd.)

Northwood Senior High School (Pittsboro)

Take Pittsboro Moncure Rd. north to US 15-501; go north approx. 3 miles north of Pittsboro, turn left on Northwood School Rd.

Sanderson Senior High School (Raleigh)

Take exit 8 from I-440, north on Six Forks Rd. west on Millbrook Rd. to Dixon Dr.

Leesville High School (Raleigh)

I-540 to Leesville Rd. exit, head south on Leesville Rd., school on the right. Or I-440 to US 70/Glenwood Ave. North exit. Turn right on Lynn Rd., left on Leesville Rd. School on the left.

Millbrook High School (Raleigh)

I-440 to Wake Forest Rd. It turns into Falls of Neuse Rd., turn right on Spring Forest Rd., school on the left.

Knightdale High School (Knightdale)

US 64 east, turn left on Old Knight Rd. Just past Forestville Rd. on the left.



Harris Nuclear Plant employees volunteer at local schools.

| | | Evacuation Routes and Shelters | |
|---------------------|--|---|-------------------------------|
| Sub-Zone | Description of Sub-Zone | Evacuation Routes | Reception/Care Center |
| A Wake County | This sub-zone includes the Harris Plant and the central portion of Harris Lake and is bordered on the north by US Hwy. 1, Shearon Harris Rd., Bartley Holleman Rd. and the Wake-Chatham county line. | <p>Shearon Harris Rd. (SR 1134) north to Old US Hwy. 1 (SR 1011). SR 1011 through Apex to US Hwy. 64. US Hwy. 64 to US Hwy. 1-64 north. Follow US Hwy. 1-64 north on I-440 to exit 8B to Six Forks Rd. north to Millbrook Road, left onto Millbrook, right onto Dixon.</p> <p>OR: Shearon Harris Rd. (SR 1134) to New Hill-Holleman Rd. (SR 1127) north to US Hwy. 1. US Hwy. 1-64 north on I-440 to exit 8B to Six Forks Rd.</p> | Sanderson High School |
| B Wake County | This sub-zone includes the communities of New Hill and Bonsal and the areas around the following roads: Old US Hwy. 1, Humie Olive Rd., New Hill-Olive Chapel Rd., Friendship Rd., US Hwy. 1, Shearon Harris Rd. and New Hill-Holleman Rd. | <p>New Hill-Holleman Rd. (SR 1127) north to US Hwy. 1. Follow US Hwy. 1-64 north on I-440 to exit 8B to Six Forks Rd. north to Millbrook Road, left onto Millbrook, right onto Dixon.</p> <p>OR: SR 1903 in Chatham County and Barker Rd. (SR 1142) in Wake County to New Hill-Olive Chapel Rd. (SR 1141) south to Old US Hwy. 1 (SR 1011), east through Apex to US Hwy. 64 east to US Hwy. 1-64 and north on I-440 to exit 8B to Six Forks Rd. north to Millbrook Road, left onto Millbrook, right onto Dixon.</p> | Sanderson High School |
| C Wake County | This sub-zone includes the community of Holleman's Crossroads, the northeast portion of Harris Lake, and the areas surrounding Avent Ferry Rd. and New Hill Rd. | <p>New Hill-Holleman Rd. (SR 1127), south to Avent Ferry Rd. (SR 1115), east to Holly Springs at NC Hwy. 55 Bypass. North NC Hwy. 55 Bypass to Holly Springs Rd. (SR 1152).</p> <p>OR: on New Hill Rd. (SR 1152), east to NC Hwy. 55 Bypass.</p> <p>OR: From NC Hwy. 55 Bypass east on Holly Springs Rd. (SR 1152) to Tryon Rd. to Gorman St. Gorman St. north to I-440 east to Rock Quarry Road. Right on Rock Quarry Rd. to Southeast Raleigh HS on right.</p> | Southeast Raleigh High School |
| D Wake County | This sub-zone includes the southeastern portion of Harris Lake and the area surrounding Cass Holt Rd. The sub-zone is bordered by Bartley Holleman Rd., Rex Rd., Buckhorn-Duncan Rd. and the Wake-Harnett/Wake-Chatham county lines. | Cass Holt Rd. (SR 1116) to Honeycutt Rd. (SR 1126), east to Piney Grove-Wilbon Rd. (SR 1101), south to Wade Nash Rd. (SR 1113), east crossing NC Hwy. 55 to Dickens Rd. (SR 1398), east to James Slaughter Rd. (SR 1399), north to Bass Lake Rd. (SR 1393) through Needmore Crossroads on Hilltop-Needmore Rd. (SR 1393), east to US Hwy. 401, north to US Hwy. 70 east to right onto Coldwater Drive. Right onto Spring Drive. | Garner High School |

Evacuation Routes and Shelters

Sub-Zone Description of Sub-Zone

E
Wake
County

This sub-zone includes the town of Apex, the community of Friendship, and the areas surrounding US Hwy. 1, Old US Hwy. 1, US Hwy. 64, NC Hwy. 55, Tingen Rd. and Olive Chapel Rd. The sub-zone is bordered by the Wake-Chatham county line, the community of Green Level, SR 1010, Kildaire Farm Rd., Sunset Lake Rd. and Woods Creek Rd.

F
Wake
County

This sub-zone includes the town of Holly Springs, Sunset Lake and Bass Lake, and the areas surrounding NC Hwy. 55 Bypass, Holly Springs Rd., Avent Ferry Rd., Bass Lake Rd. and Cass-Holt Rd.

G
Wake
County

This sub-zone includes the town of Fuquay-Varina and the areas surrounding NC Hwy. 42, NC Hwy. 55, US Hwy. 401, Piney Grove-Wilbon Rd., Bass Lake Rd., James Slaughter Rd. and Sunset Lake Rd. The sub-zone extends south to the Wake-Harnett county line and east along Kenneth Creek.

Evacuation Routes

Reception/Care Center

All traffic to NC Hwy. 55 to US Hwy. 1-64 North
OR: to NC Hwy. 64 east to US Hwy. 1-64 North
THEN: North on I-440 to Exit 8B to Six Forks Rd. North.
North on Six Forks Rd. to a left on Millbrook Rd, right onto Dixon Dr.

Sanderson High School

Avent Ferry Rd. east, to a left on NC Hwy. 55 Bypass.
OR: New Hill Rd. east over NC Hwy 55 Bypass
OR: Main St. to Holly Springs Rd.
OR: Bass Lake Rd. to Holly Springs Rd.
OR Sunset Lake Rd. to Holly Springs Rd.

Southeast Raleigh High School

THEN: East on Holly Springs Rd. to a right on Tryon Rd.
Tryon Rd. to a left on Gorman St. Gorman St. north to I-40 east to Rock Quarry Rd. Right on Rock Quarry Rd. to Southeast Raleigh HS on the right.

Rouse Rd. (SR 1125), east to Piney Grove-Wilbon Rd. (SR 1101), south to Wilbon Rd. (SR 1110), east to NC Hwy 55 into Broad St. Right on Sunset Lake Rd and left onto US 401 North. (Main St.)
OR: NC Hwy. 42 East (W. Academy St) to US Hwy. 401 (Main St.) Left on US Hwy. 401
OR: Hilltop-Needmore Rd. to US Hwy. 401 North
THEN: US Hwy 401 North to US Hwy. 70 East to a right on Coldwater Dr. and a right on Spring Dr.

Garner High School

Evacuation Routes and Shelters

Sub-Zone Description of Sub-Zone

H
Harnett County

This sub-zone includes the community of Duncan, Camp Agape, Raven Rock Park, the areas surrounding Avents Creek and the following roads: NC Hwy. 42, Rawls Church Rd., Baptist Grove Rd., Christian Light Rd., Cokesbury Rd. and River Rd. This sub-zone is bordered by the Chatham-Harnett-Wake county lines, the Cape Fear River, Avents Creek, Christian Light Rd., Hector Creek, Rawls Church Rd. and US Hwy. 401.

Evacuation Routes

Cokesbury Rd. (SR 1403), Oakridge River Rd. (SR 1418), Rawls Church Rd. (SR 1415) and Baptist Grove Rd. (SR 1427), east to US Hwy. 401 to Kipling. Then SR 1403, east across NC Hwy. 210 to Harnett Central High School.

OR: NC Hwy. 42, east to Oakridge Duncan Rd. (SR 1409), south to Christian Light Rd. (SR 1412), south to Rawls Church Rd. (SR 1415) to US Hwy. 401, south to Kipling. Then SR 1403 east across NC Hwy. 210 to Harnett Central High School.

Reception/Care Center

Harnett Central High School Campus

I
Lee County

This sub-zone includes the areas surrounding Poplar Springs Church Rd., Buckhorn Rd. and NC Hwy. 42. The sub-zone also includes the area northeast of the NC Hwy. 42 and Salem Church Rd. intersection to the point where Lower Moncure Rd. crosses Hughes Creek. This sub-zone is bordered by the Cape Fear River, the Lee-Harnett county line, Salem Church Rd. and Roberts Creek.

Poplar Springs Church Rd. (SR 1537) west to NC Hwy. 42, west on Buckhorn Rd. (SR 1538), west to NC Hwy. 42, west to East Lee Middle School.

OR: Buckhorn Rd. (SR 1538), west to Salem Church Rd. (SR 1547), north to NC Hwy. 42, west to East Lee Middle School.

OR: Poplar Springs Church Rd. (SR 1537) west to NC Hwy. 42, west on Buckhorn Rd. (SR 1538), west to NC Hwy. 42, west across NC Hwy. 87 to NC Hwy. 78, west to Lemon Springs Rd./Edwards Rd. (SR 1001), south to Lemon Springs Rd. (SR 1160), south to Greenwood Elementary School.

East Lee Middle School

Greenwood Elementary School

J
Lee County

This sub-zone includes the areas surrounding Lower Moncure Rd., Lees Chapel Rd., Rod Sullivan Rd., Deep River Rd. and Lower River Rd. This sub-zone is bordered by the Deep River, the Cape Fear River, Roberts Creek, Hughes Creek and Farrell Rd.

Lower Moncure Rd. (SR 1002) north from Roberts Creek Bridge to Deep River Rd. (SR 1466), south to NC Hwy. 87 and US Hwy. 15-501, south to US Hwy. 1, south to NC Hwy. 42, west to West Lee Middle School.

OR: Lower Moncure Rd. (SR 1002), south from Roberts Creek Bridge to Farrell Rd. (SR 1423), north to Osgood Rd. (SR 1422), west to Colon Rd. (SR 1415), north to US Hwy. 1, south to NC Hwy. 42, west to West Lee Middle School.

West Lee Middle School

| Sub-Zone | | Evacuation Routes | | Reception/Care Center |
|----------|----------------|---|--|-----------------------------|
| K | Chatham County | Christian Chapel Rd. (SR 1912), north from intersection of Moncure-Flat Wood Rd. (SR 1924) to Old US Hwy. 1 (SR 1011), west through Haywood and Moncure, Old US Hwy. 1 (SR 1011), west to Moncure-Pittsboro Rd. (SR 1012), north to NC Hwy. 87 and US Hwy. 15-501, north through Pittsboro, then US Hwy. 15-501, north to Northwood High School. | | Northwood High School |
| | | OR: Old US Hwy. 1 (SR1011), west through Haywood and Moncure to Moncure-Pittsboro Rd. (SR 1012), north to NC Hwy. 87 and US Hwy. 15-501, north to Pittsboro, east on US. 64 Business Route, merge onto US. 64 Bypass going west, west to Siler City to East Raleigh St., west to White Oak Rd., south to Jordan-Matthews High School. | | Jordan-Matthews High School |
| | | OR: Christian Chapel Rd. (SR 1912), north to Moncure-Flat Wood Rd. (SR 1924) to Old US Hwy. 1 (SR 1011), west through Haywood and Moncure to Moncure-Pittsboro Rd. (SR 1012), north to NC Hwy. 87 and US Hwy. 15-501, north to Pittsboro, west on US. 64 Business Route, merge onto US. 64 going west, west to Siler City to East Raleigh St., west to South Second Ave., south to Old US Hwy. 421 (SR 1176), south to Bear Creek and NC Hwy. 902, west to Chatham Central High School. | | Chatham Central High School |
| | | OR: From intersection of Moncure-Flat Wood Rd. (SR 1924) and Christian Chapel Rd. (SR 1912), south on SR 1924 to Corinth Rd. (SR 1916), south to NC Hwy. 42, west or south on SR 1912 to NC Hwy. 42, west to East Lee Middle School. | | East Lee Middle School |
| | | OR: Corinth Rd. (SR 1916), south to NC Hwy. 42, west to East Lee Middle School. | | |

Evacuation Routes and Shelters

Sub-Zone Description of Sub-Zone

L
Chatham County

This sub-zone includes the eastern portion of Jordan Lake and the areas around the following roads: Olive Chapel Rd., Tody Goodwin Rd., Farrington Rd., Poole Rd. east, East Goodwin Rd., New Elam Rd., Pea Ridge Rd., W.H. Jones Rd. and Old US Hwy. 1. This sub-zone is bordered by the Chatham-Wake county line, the eastern shore of Jordan Lake, US Hwy. 1 and the Haw River.

Evacuation Routes

Reception/Care Center

US Hwy. 1 south to Moncure-Pittsboro Rd. (SR 1012), north to NC Hwy. 87 and US Hwy. 15-501, north through Pittsboro, then US Hwy. 15-501, north to Northwood High School.

OR: Pea Ridge Rd. (SR 1972), north to US Hwy. 1 and Merry Oaks Church Rd. (SR 1910), north to Beaver Creek Rd. (SR 1008), north to US Hwy. 64, west to Siler City to East Raleigh St., west to White Oak Rd., south to Jordan-Matthews High School.

OR: Olive-Chapel Rd. (SR 1901), south to Goodwin Rd. (SR 1900 and SR 1975), west to Beaver Creek Rd. (SR 1008), north to US Hwy. 64, west on US Hwy. 64 (for Northwood High School), north on US Hwy. 15-501. (for Jordan-Matthews High School), west on US Hwy. 64, west to Siler City to East Raleigh St., west to White Oak Rd., south to Jordan-Matthews High School.

OR: US Hwy. 1, south to Moncure-Pittsboro Rd. (SR 1012), north to NC Hwy. 87 and US Hwy. 15-501, north to Pittsboro and US Hwy. 64, west to Siler City to East Raleigh St., west to South Second Ave., south to Old US Hwy. 421 (SR 1176), south to Bear Creek and NC Hwy. 902, west to Chatham Central High School.

Northwood High School

Jordan-Matthews High School

Northwood High School or Jordan-Matthews High School

Chatham Central High School

M
Chatham County

This sub-zone includes the communities of Haywood, Moncure, Hank's Chapel, and Griffin's Crossroads; Jordan Lake; and the areas surrounding the following roads: North Pea Ridge Rd., Gum Springs Church Rd., Clark Poe Rd., Moncure-Pittsboro Rd., Jordan Dam Rd., Mt. View Church Rd. and Providence Church Rd. This sub-zone is bordered by US Hwy. 64, the eastern shore of Jordan Lake, the Haw River and the Deep River. Also included are all areas north and east from the point where the Rocky River enters the Deep River to US Hwy. 64 at Griffin's Crossroads.

Old US Hwy. 1 (SR 1011), west through Haywood and Moncure to Moncure-Pittsboro Rd. (SR 1012), north to NC Hwy. 87 and US Hwy. 15-501, north to Pittsboro and US Hwy. 64 Business Route, west on US Hwy. 64 Business Route, merge onto US 64 going west, west to Siler City and East Raleigh St., west on to South Second Ave., south to Old US Hwy. 421 (SR 1176), south to Bear Creek at NC Hwy. 902, west to Chatham Central High School.

OR: US Hwy. 1, south or SR 1970, SR 1971 and SR 1931, west to Moncure-Pittsboro Rd. (SR 1012), north to NC Hwy. 87 and US Hwy. 15-501, north to Pittsboro. Then US Hwy. 15-501, north to Northwood High School.

OR: Old US Hwy. 1 (SR 1011) through Haywood and Moncure to Moncure-Pittsboro Rd. (SR 1012), north to NC Hwy. 87 and US Hwy. 15-501, north to Pittsboro, west on US 64 Business Route, merge onto US 64 going west, west to Siler City to East Raleigh St., west to White Oak Rd., south to Jordan-Matthews High School.

Chatham Central High School

Northwood High School

Jordan-Matthews High School

continued on page 18

Evacuation Routes and Shelters

Sub-Zone Description of Sub-Zone

M

Chatham
County

Evacuation Routes

Reception/Care
Center

continued from page 17

OR: Gum Springs Church Rd. (SR 1943), north from Robeson Creek Ridge to US Hwy. 64 Business Route, (for Northwood High School), go west on US Hwy. 64 Business Route, north on 15-501. (for Jordan-Matthews High School), go west on Hwy. 64 Business Route, merge onto US Hwy. 64, west on US Hwy. 64, west to Siler City to East Raleigh St., west to White Oak Rd., south to Jordan-Matthews High School.

Northwood
High School or
Jordan-Matthews
High School

N

Chatham
County

This sub-zone includes the northern portion of Jordan Lake and the areas surrounding the following roads: Farrington Rd., Horton Pond Rd. and NC Hwy. 751. This sub-zone is bordered by US Hwy. 64, the Chatham-Wake county line, Green Level Rd. and Hollands Chapel Rd. Also, all areas east of the Farrington Rd. and Hollands Chapel Rd. intersection to US Hwy. 64 at Griffin's Crossroads.

NC Hwy. 751 and Farrington Rd. (SR 1008), south to US Hwy. 64, west to Pittsboro, and north on US Hwy. 15-501 to Northwood High School.

Northwood
High School

OR: NC Hwy. 751 and Farrington Rd. (SR 1008), south to US Hwy. 64, west to Siler City to East Raleigh St., west to White Oak Rd., south to Jordan-Matthews High School.

Jordan-Matthews
High School

OR: NC Hwy. 751 and Farrington Rd. (SR 1008), south to US Hwy. 64, west to Siler City, west to South Second Ave., south to Old US Hwy. 421 (SR 1176), south to Bear Creek at NC Hwy. 902, west to Chatham Central High School.

Chatham Central
High School

OR: Green Level Rd. (SR 1742), and Luther Rd. (SR 1743) to NC Hwy. 751, south to US Hwy. 64, west to US Hwy. 15-501 to Northwood High School.

Northwood
High School

OR: West on US Hwy. 64, west to Siler City to East Raleigh St., west to White Oak Rd., south to Jordan-Matthews High School.

Jordan-Matthews
High School

JULY2006

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AUGUST2006

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SEPTEMBER2006

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OCTOBER2006

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NOVEMBER2006

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DECEMBER2006

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● = Low-Volume/Growl Test Dates
■ = Full-Volume Siren Test Date
These dates are subject to change.

Your Quick Reference Safety Information for the Harris Plant

Please take a minute and complete the information below so you will have it in an emergency.

My local radio station is:

My local television station with information is:

My zone on the map is:

The evacuation shelter for the zone where I live is:

The evacuation route for the zone where I live is:

The relocation school(s) for my child (children) is (are):

Plan ahead! Drive your route now. If you have any questions, call your emergency management office.

Emergency Numbers

If you need help during an evacuation, call the number for the county you live in:

- Chatham County 919.542.2911
- Harnett County 919.832.9911
- Lee County 919.775.8268
- Wake County 919.856.7044

For More Information

If you have questions about any of the safety information you have read in this brochure, you can call or write one of the following offices:

Chatham County Emergency Operations

- 919.542.2911
- P.O. Box 613, 297 West Street
- Pittsboro, NC 27312

Harnett County Emergency Management

- 910.893.7580
- 200 North 13th St.
- Erwin, NC 28339
- After Hours:
- Harnett Co. Sheriff's Department
- 919.832.9911

Lee County Office of Emergency Services

- 919.775.8279
- P.O. Box 1154, Sanford, NC 27331
- After Hours:
- Sanford Police Department
- 919.775.8268
- Lee Co. Sheriff Department
- 919.718.4561

Wake County Emergency Management

- 919.856.6480
- Wake County Office Bldg., 14th floor
- P.O. Box 550
- Raleigh, NC 27602-0550

NC Emergency Management

- 1.800.858.0368
- State Emergency Operations Center
- 116 West Jones St.
- Raleigh, NC 27603-1335

NC Emergency Management

- 919.575.4122
- Central Branch
- 401 Central Ave.
- Butner, NC 27509

For more information about the Harris Plant and nuclear power, contact Progress Energy at 919.362-3261 or visit progress-energy.com.

| JANUARY2006 | | | | | | |
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| FEBRUARY2006 | | | | | | |
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| MARCH2006 | | | | | | |
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● = Low-Volume/Growl Test Dates



Progress Energy

HNP Emergency Preparedness

HNP 01

P.O. Box 165

New Hill, NC 27562